

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO HUTCHENS CONSTRUCTION COMPANY

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of
limestone, sand & gravel in the state of Missouri. The extent of the


Proposed mining operation(s) will be on 99 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Barry	34	25N	27W	67	0	67	Purdy Site	0363
Barry	05	21N	26W	12	0	12	Eagle Rock	0362
Barry	34	22N	28W	15	0	15	Washburn Site	1292
Barry	34	25N	27W	5	0	5	Little Flat Creek	1927

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo, 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 28th day of July 2004


DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0295

Effective Date 08/01/2004

Expiration Date 07/31/2005

MO 780-1122 (6-95)

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FORM FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND
RECLAMATION COMMISSION
P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Hutchens Construction Company		DATE 6/28/2004	
ADDRESS 1007 Main	CITY Cassville	STATE MO	ZIP CODE 65625
CONTACT PERSON Phil Hutchens		TELEPHONE (417) 847-2489	

FEES: COMPLETE SECTION I OR SECTION II

Section I. Fees: Open pit operators and those mining more than five thousand (5,000) tons of sand and/or gravel:

1. To compute the site fee complete the columns and lines below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six (6) months per permit year pay \$150.00 For sites operated six (6) months or more per permit year
1. Purdy Quarry	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$300.00
2. Eagle Rock Quarry	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$300.00
3. Washburn Quarry	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150.00
4. Little Flat Creek	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150.00
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$900.00

\$1910.⁰⁰ Received -
\$15.⁰⁰ of this is
to be applied to
separate expansion App.
already received. *AR*

2. Acreage fee \$5 X	97	number of acres bonded	\$485.00
3. Annu	↑ should be 99 acres - supplemental check has been submitted!		
4. Total	- correct amount of		
	ceeds \$2,500.00 then pay only		
	\$2,500.0		

SECTION II	mining less than five thousand (5,000) tons per
1. Annu	\$300.00

SIGNATURE OF APPLICANT 	TITLE Phil Hutchens, president	DATE 6-30-04
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Appeared before me this 30 day of June, 2004. Phil Hutchens
to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEER SEAL	STATE <u>Missouri</u>	COUNTY (OR CITY OF ST. LOUIS) <u>Barry</u>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>30</u> DAY OF <u>June</u> 20 <u>04</u>		RUBBER STAMP CLEAR AREA BELOW
	NOTARY PUBLIC SIGNATURE 	MY COMMISSION EXPIRES <u>6-16-08</u>	JANE F. HALL Notary Public - Notary Seal State of Missouri, Barry County My Commission Expires June 16, 2008
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>Jane F. Hall</u>		
FOR DEPARTMENT USE ONLY: APPROVED BY 		DATE APPROVED <u>7/27/04</u>	PERMIT NUMBER <u>0295</u> EXPIRATION DATE <u>7/31/05</u>



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

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MISSOURI LAND
RECLAMATION COMMISSION

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER Purdy Quarry		PERMIT NUMBER 0295	
COMPANY NAME Hutchens Construction Company			
COUNTY Barry	1/4 SECTION NE & NW		SECTION 34
TOWNSHIP 25N	RANGE 27W		ACRES 260
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A			
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) See attached list.		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Same as above.		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT
NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.		

**ATTACHMENT TO SITE INFORMATION FORM FOR THE PURDY QUARRY
(Hutchens Construction Company)**

Landowner #1 (160 acres):	Tom Henderson Route 3 Monett, MO 65708 Source of right to mine: Lease Date of Agreement: 1/1/41
Landowner #2 (50 acres):	Marcia Hutchens, Phil Hutchens, & Valerie Hutchens 600 Mill St. Cassville, MO 65625 Source of right to mine: Warranty Deed Date of Agreement: 2/12/91
Landowner #3 (40 acres):	Phil & Valerie Hutchens 600 Mill St. Cassville, MO 65625 Source of right to mine: Warranty Deed Date of Agreement: 6/12/97

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

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P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: July 31, 2100

MISSOURI LAND
RECLAMATION COMMISSION

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

PURDY QUARRY:

This plan covers an area of approximately 214 acres. Approximately 18 acres at this site was used for mining and storage areas prior to 1972 and so is not included in the mine plan. Also, a 50' margin of area around the property line and any public road right-of-way is also excluded from the plan as these areas will not be disturbed. Prior to mining, most of the area is generally hilly farmland, with some areas being steeply sloped and heavily wooded. Topsoil runs to a maximum depth of 12" and is rocky. The East Purdy Road runs along the west side of the site, while the Easyville Road runs along the north side of the site. The Flat Creek runs across the northern portion of the site.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

12 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Trees and underbrush will be cleared with dozers. After the site to be mined is cleared, the topsoil will be removed with scrapers and stockpiled for replacement. Topsoil will be removed well in advance of the beginning of the mining operation. Topsoil removal will be kept at a minimum of 30 feet ahead of pit excavation.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

The scrapers will deposit the topsoil into low-angled stockpiles and will be graded in accordance with 10 CSR 40-10.050. The stockpiles will be reseeded to keep them from eroding using the seeded species listed on page 3 of the mine plan.

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B. SPOILMISSOURI LAND
RECLAMATION COMMISSION

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

All overburden removed from the pit will be placed in stockpiles adjacent to the quarried area. The grading and seeding will be done to meet the performance requirements of 10 CSR 40-10.050. Grading and seeding will be done continuously as the stockpiles are being built.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

See map.

YES NO

☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

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RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed) **MISSOURI LAND RECLAMATION COMMISSION**

REVEGETATION MIX #1 #1	PURPOSE OR LAND USE Pasture	B. SEEDING OR PLANTING TIME Spring (or first optimal seedling window)
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Seeding will be done with broadcasting equipment, as topography allows, or by hand where necessary.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Fescue	15 lbs/acre		
Alfalfa	8 lbs/acre		
Korean Lespedeza	6 lbs/acre		
Orchard grass	10 lbs/acre		

REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

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B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

MISSOURI LAND
RECLAMATION COMMISSION

All spoil areas will be graded for slopes which are traversable by farm machinery. The pit area will be flooded to form a lake. All grading & sloping will be done such that it meets SCS standards. All the reclamation area will have slopes not to exceed 3:1 before the topsoil is placed.

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Grading will be done as advancement of the pit occurs. Spoils will be pushed up against quarry walls and backsloped. Final grading will be done within one year of permit expiration in mined-out areas and will be completed in accordance with 10 CSR 40-10.050(10)(A).

REPLACEMENT OF TOPSOIL

Topsoil (Horizon A) and subsoil (Horizon B) will be placed to a 12 inch (topsoil & subsoil combined depth) uniform depth where possible. This process will be completed within one year of permit expiration in mined-out portions (within the time schedule stated in 10 CSR 40-10.050(10)(A)).

REVEGETATION

All topsoiled areas will be seeded during the first optimal seeding period following topsoil replacement in accordance with 10 CSR 40-10.050(10)(B).

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

12" unconsolidated material (6" of topsoil (Horizon A) + 6" of subsoil (Horizon B))

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	0 <i>30 ac Pre-lake 8/12/10/00</i>
Agricultural (pasture, cropland, and horticultural)	194
Development (residential, industrial, and recreational)	0
Water impoundments (for wildlife, agricultural, or development)	20


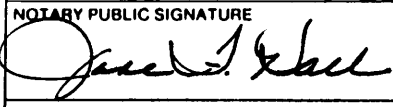
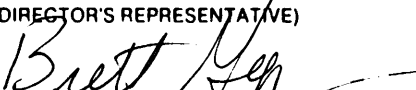
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RECLAMATION COMMISSION

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT 		TITLE Phil Hutchens, president	DATE 11-24-00
NOTARY PUBLIC EMBOSSEER SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Barry	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 24 th DAY OF November 2000		USE RUBBER STAMP IN CLEAR AREA BELOW JANE F. HALL, Notary Public State of Missouri, Barry County My Commission Expires June 8, 2004
	NOTARY PUBLIC SIGNATURE 	MY COMMISSION EXPIRES 6/8/04	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Jane F Hall		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		DATE APPROVED 12/12/2000	PERMIT NUMBER 0295

Easyville Road

PL

160

Little
Flat Creek

Sediment Pond (1 acre)

Sediment Ponds (1 acre)

Existing
Topsoil & Over-
burden storage
(15 acres)

Pre-1972 mining &
storage area (not
in Mine Plan)
(18 acres)

50 acres owned by
Marcia Hutchens,
Phil Hutchens, and
Valerie Hutchens

Existing
pit
(17 acres)
Existing
Topsoil &
Overburden
storage
(22 acres)

(1 acre)

Overburden
storage
(5 acres)

HUTCHENS CONSTRUCTION COMPANY
-DETAIL MAP

Permit #0295

Parts of NE $\frac{1}{4}$, NW $\frac{1}{4}$, & SW $\frac{1}{4}$, S34, T25N, R27W,
Barry County
Map prepared by Curtis Heiber, EEC, 4/4/0

KEY

Mine Plan Area (214 acres total*)

Bonded Area

*including bonded area

Instream gravel mining area
(5 acres - Amendment)

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COMMISSION

East
Purdy
Road

NOTE: Post-reclamation land use to be water imp. treatment for pit & sediment ponds, and agricultural for remaining mine plan area.

North
Scale: 1" = 2,000'

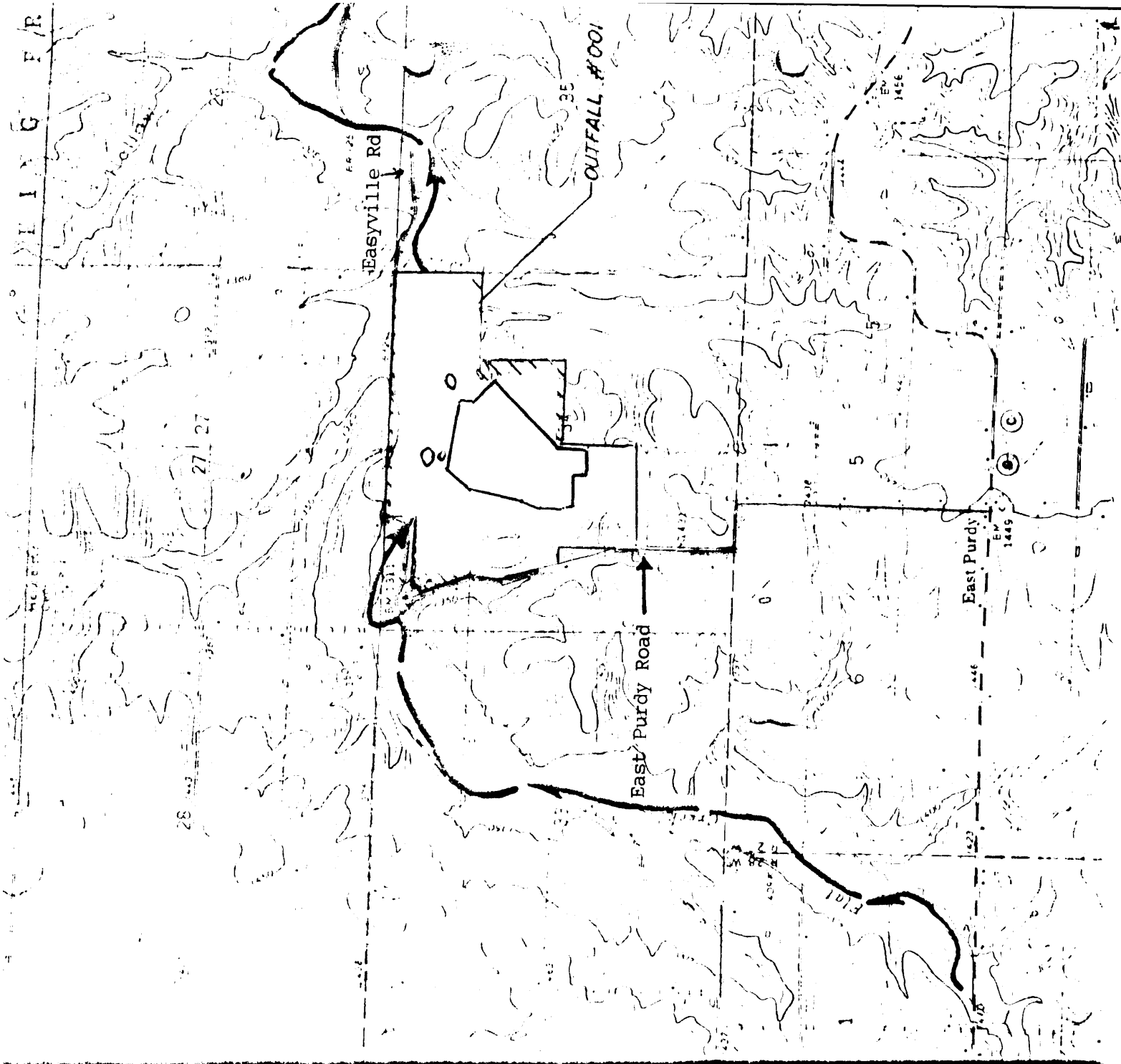
HUTCHENS CONSTRUCTION CO.
LOCATOR MAP

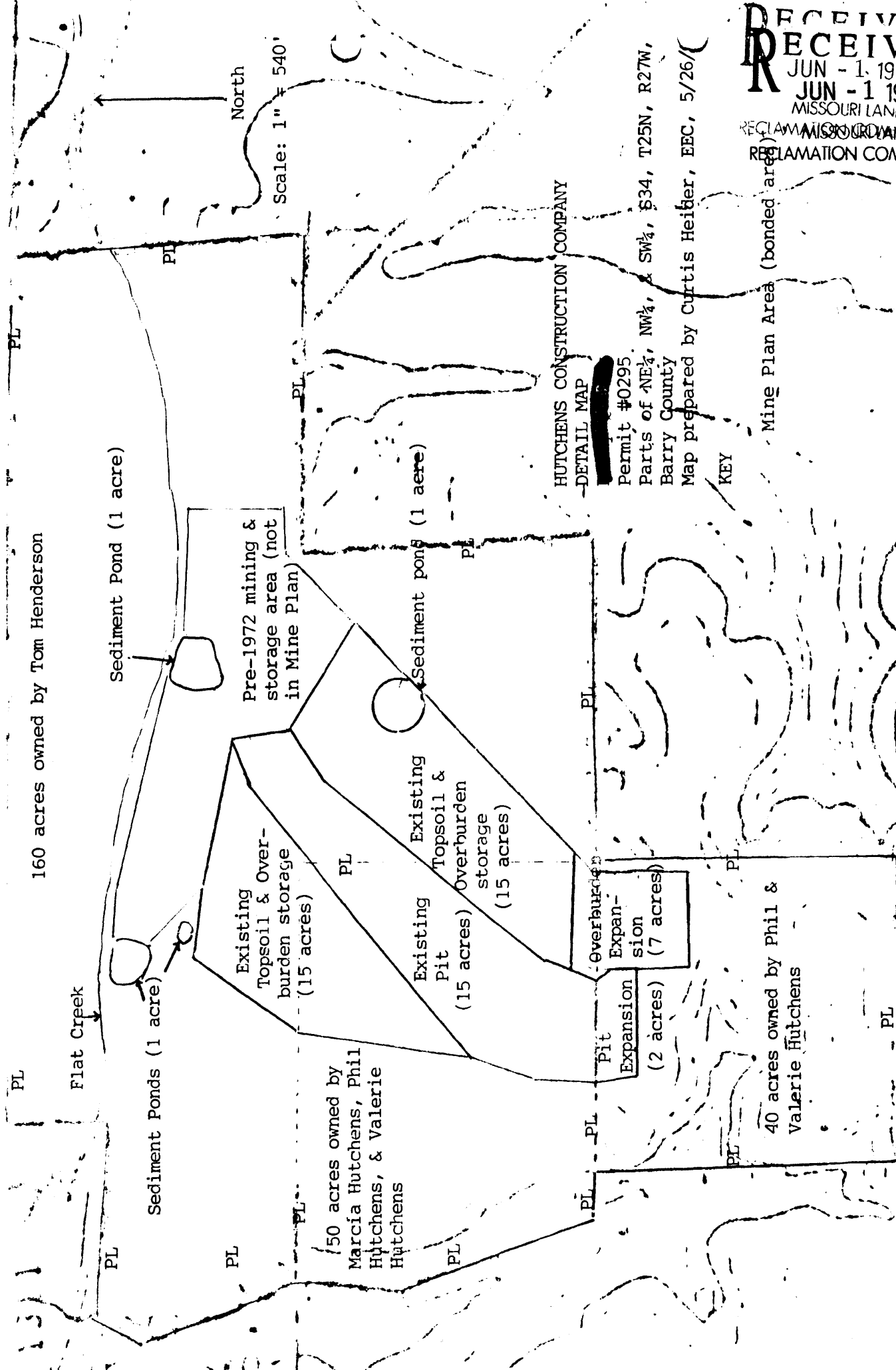
Permit #0295
Parts of NE $\frac{1}{4}$, NW $\frac{1}{4}$, & SW $\frac{1}{4}$,
S34, T25N, R27W, Barry Co.
Map prepared by:
Curtis Heider, EEC, 5/26/99

KEY

- Permit (bonded) area
- Public roads leading to site

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NOTE: Post-reclamation land use to be water impoundment for pit & sediment ponds, and agricultural for storage areas.

North

Scale: 1" = 2,000'

HUTCHENS CONSTRUCTION CO.
LOCATOR MAP

Permit #0295

Parts of NE $\frac{1}{4}$, NW $\frac{1}{4}$, & SW $\frac{1}{4}$,
S34, T25N, R27W, Barry Co.

Map prepared by:

Curtis Heider, EEC, 5/26/99

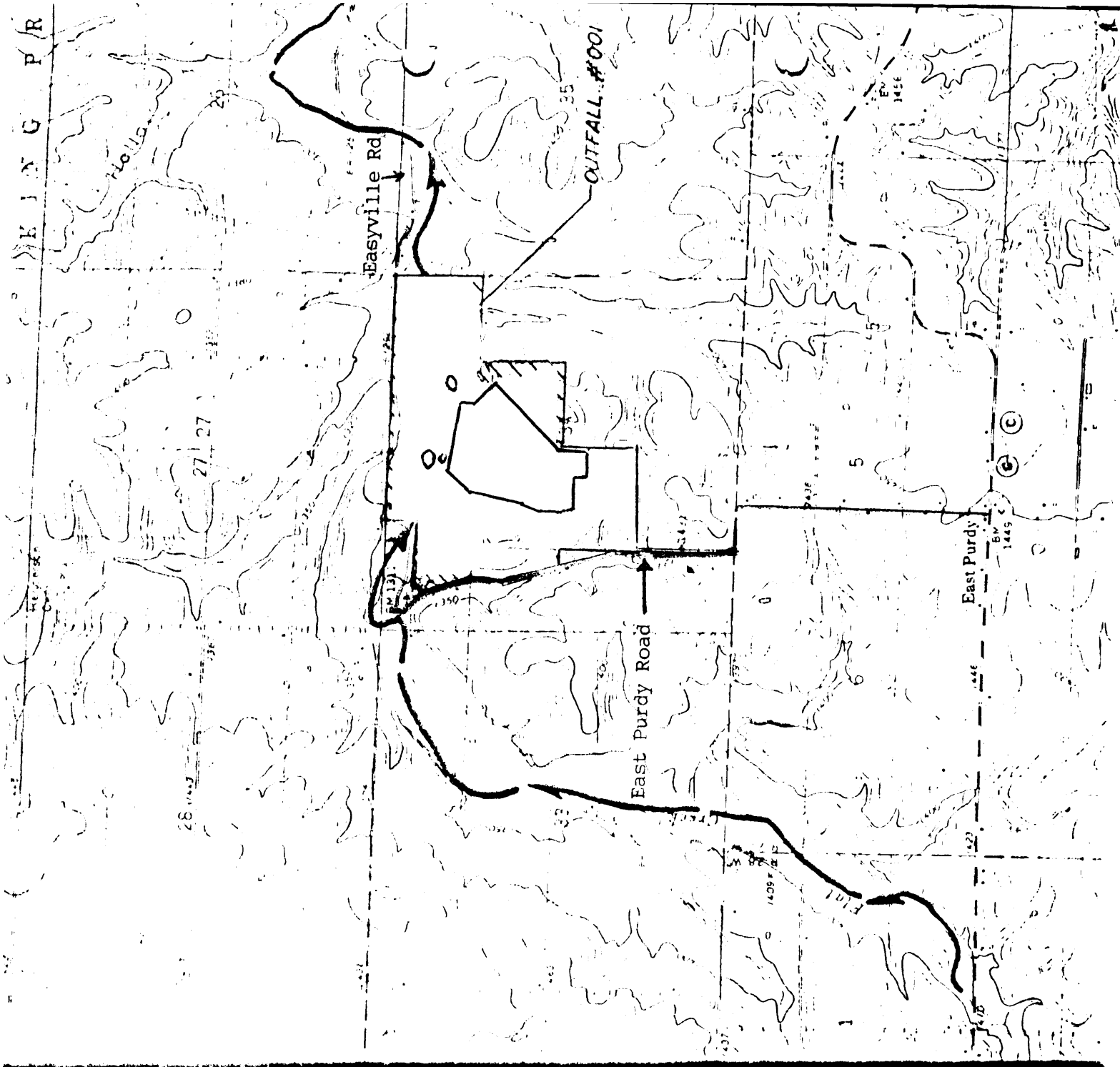
KEY

Permit (bonded) area

Public roads leading to
site

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RECLAMATION COMMISSION





MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER BOTTOMLESS PIT NO. 2 - East		PERMIT NUMBER 91-295	
COMPANY NAME HUTCHENS CONSTRUCTION CO.			
COUNTY BARRY	1/4 SECTION NE $\frac{1}{4}$	SECTION 05	
TOWNSHIP 21N	RANGE 26W	ACRES 12 (4 new)	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A			
MINERAL COMMODITY LIMESTONE		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) NADEAN BRADFORD		
ADDRESS 407 EAST 11th STREET		
CITY CASSVILLE	STATE MISSOURI	ZIP CODE 65625
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT 12-2-87
<input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) (SAME AS ABOVE)		
ADDRESS RECEIVED NOV 13 1992		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
MISSOURI LAND RECLAMATION COMMISSION <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

- ☐ SHORT TERM, FOR ONE PERMIT YEAR
☒ LONG TERM, FOR PERIOD THROUGH DATE: 12-31-2012

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

BOTTOMLESS PIT NO. 2 (Eagle)

No topsoil. Site has sparse growth of cedar trees in the permit area.
Exposed limestone formation with gradual slope across site.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

0

INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

N/A No topsoil is located in the permitted area.

ON site verified
by Mike Larson
by Karen H.
No topsoil -
old quarry

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

N/A

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LAND RECLAMATION COMMISSION

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

Any material we are unable sell will be pushed to the quarry walls and sloped. If the mining goes deep enough into the quarry floor, it will be flooded to form a lake. There is no topsoil on site, so no seeding or planting is planned.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

The pit has been moving to the north of the permitted area. The floor of the pit will be lowered starting from the northwest and going to the east. The pit is over 50 feet from Highway 86 and will remain that way through the duration of this permit for aesthetic reasons and erosion control.

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YES NO

☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.**A. REVEGETATION** (Attach additional sheets, if needed)

REVEGETATION MIX #1 N/A	PURPOSE OR LAND USE Industrial	B. SEEDING OR PLANTING TIME N/A
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Due to the lack of topsoil within the permitted area, no seeding or planting is planned. Remaining limestone will be sloped against the quarry walls to leave site in as natural state as possible.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
N/A			

REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
RECEIVED NOV 1 1992 MISSOURI REVEGETATION COMMISSION			

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

Remaining material will be pushed against the quarry walls and sloped as gradual as possible. If the floor is excavated deep enough, it will be flooded to form a lake. All the reclamation area will have slopes not to exceed 3:1 .

12-4-92

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES**GRADING**

Unusable material will be sloped against the quarry walls within one year after operations cease in any given mined area within the permit.

REPLACEMENT OF TOPSOIL

N/A

REVEGETATION

Naturally occurring once remaining limestone is placed in gradual slopes with the mined area.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

No topsoil on site (0")

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

0

Agricultural (pasture, cropland, and horticultural)

0

Development (residential, industrial, and recreational)

8

Water impoundments (for wildlife, agricultural, or development)

4

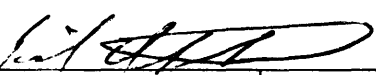


By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

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NOV 13 1992

MISSOURI LAND
RECLAMATION COMMISSION

SIGNATURE OF APPLICANT 		TITLE VICE PRESIDENT	DATE 10-30-92
NOTARY PUBLIC EMBOSSEER SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Barry	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 30th DAY OF October 1992		USE RUBBER STAMP IN CLEAR AREA BELOW Jane F. Hall, Notary Public State of Missouri, Barry County My Commission Expires Feb. 13, 1993
	NOTARY PUBLIC SIGNATURE 	MY COMMISSION EXPIRES 2-13-93	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Jane F. Hall		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		DATE APPROVED 1-4-93	PERMIT NUMBER 295

Additional Land Owners: Purdy, Mo.

Marcia Hutchens
124 Sunset Heights
Cassville, Mo. 65625

Phillip Hutchens
1600 Cedar Drive
Cassville, Mo. 65625

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MISSOURI LAND
RECLAMATION COMMISSION

#0295
PIT #2
'95

Eagle!

- AREA FOR PERMIT
- QUARRY BOUNDARY

LAND OWNER
PROPERTY
LINE

STATE HWY
36

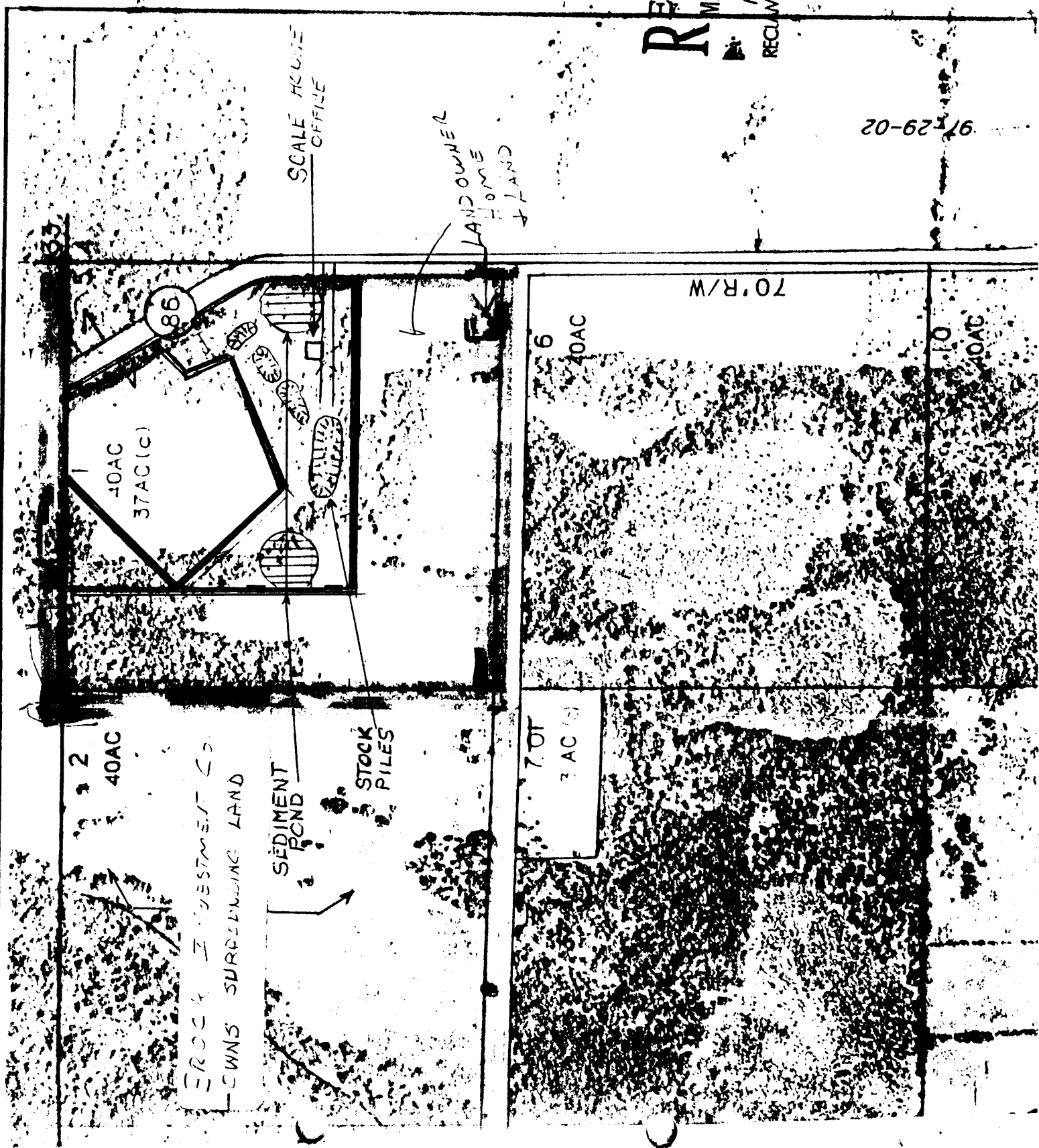
STATE R.T.F

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MAY 10 1996

MISSOURI LAND
RECLAMATION COMMISSION



9/29-02





MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

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To be completed for each separate area of disturbance associated with mining operations.

MISSOURI LAND
RECLAMATION COMMISSION

SITE NAME OR NUMBER Hutchens Construction, Washburn Quarry		PERMIT NUMBER 295	
COMPANY NAME Hutchens Construction			
COUNTY Barry	1/4 SECTION SW 1/4	SECTION 34	
TOWNSHIP 22N	RANGE 28 E W	ACRES 40	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A			
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Phil Hutchens, Hutchens Construction		
ADDRESS 600 Mill St.		
CITY Cassville	STATE Mo.	ZIP CODE 65625
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT 04-17-96
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) (Same as above)		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

RECEIVED
AUG 19 1996

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: 06/15/2016

MISSOURI LAND
RECLAMATION COMMISSION

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

Washburn Quarry

This plan covers an area of approximately 40 acres (See Map 1). Most of the mine area consists of steeply sloped and heavily wooded or brushy ground. Topsoil runs to a maximum of one foot and is rocky. A County road borders the area to the East, (Blockade Hollow road).

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

12

INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Trees and underbrush will be cleared with dozers, after the site to be mined is cleared, the topsoil will be removed with scrapers and stock piled for replacement. Topsoil will be removed well in advance of the beginning of the mining operation. Topsoil removal will be kept at a minimum of 30 feet ahead of pit excavation.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

The scrapers will deposit the topsoil into stockpiles near the pit area see (see map 2). The stockpiles will be shaped and seeded with grass to prevent erosion.

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

MISSOURI LAND
RECLAMATION COMMISSION

Overburden at the pit site appears to be 5 to 6 feet in depth. All overburden from the pit will be placed in the mined-out sections of the pit and graded to traversable slopes (3:1) prior to the top soil being replaced.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

The first cut will be in the northwest portion of the property and will be an area of 5 acres (see map 2). There is no year-round running water on the property.

YES NO

☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐ ☒ Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1 #1	PURPOSE OR LAND USE Wildlife	MISSOURI LAND RECLAMATION COMMISSION	B. SEEDING OR PLANTING TIME Spring (March 15 - May 15)
---------------------------	---------------------------------	---	---

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

During the first spring following topsoil replacement the grass seed mix will be broadcast and harrowed. Trees will be planted after sufficient growth of grass to prevent erosion.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Fescue Orchard grass Red Clover	15 10 10	White Oak Dogwood Red Maple	50

VEGETATION MIX #2 same as above	PURPOSE OR LAND USE Wildlife	B. SEEDING OR PLANTING TIME Spring (March 15-May 15)
------------------------------------	---------------------------------	---

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Re-seeding and planting will be done as needed to prevent erosion and allow property to return to natural habitat for Wildlife.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING**DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES**

All spoil areas will be graded to slopes traversable by farm machinery.

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES**GRADING**

Grading will be done as the pit progresses and the overburden is placed in the mined-out sections of the pit. Final grading will be completed within one year of the permit expiration on the mined-out sections of the pit.

REPLACEMENT OF TOPSOIL

Topsoil will be replaced to a depth of 12 inches and worked to reduce compaction. Topsoil replacement will be completed within one year of permit expiration on mined-out sections.

REVEGETATION

All topsoil areas will be seeded during the first optimum seeding period following the topsoil replacement.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

12 inches

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

40

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)


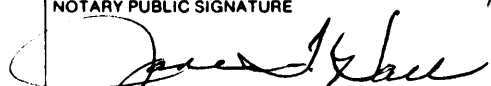
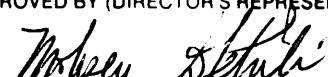
RECEIVED
AUG 19 1996

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AUG 19 1996

MISSOURI LAND
RECLAMATION COMMISSION

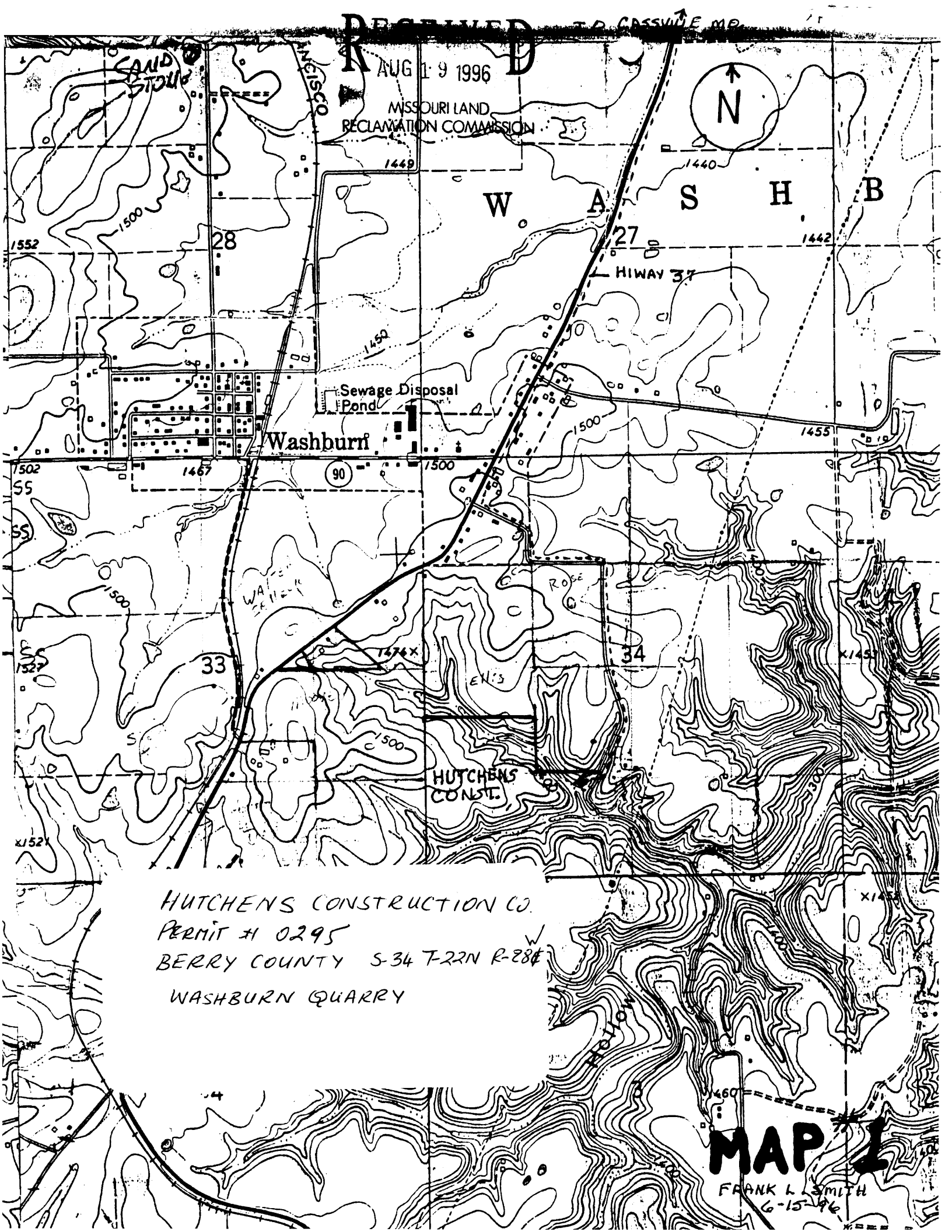
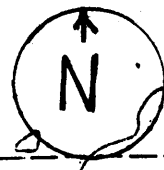
By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT 		TITLE PRESIDENT		DATE 7-9-96	
NOTARY PUBLIC EMBOSSEER SEAL	STATE Missouri		COUNTY (OR CITY OF ST. LOUIS) Barry		
	SUBSCRIBED AND SWORN BEFORE ME, THIS 9 th DAY OF July 1996				
	NOTARY PUBLIC SIGNATURE 		USE RUBBER STAMP IN CLEAR AREA BELOW Jane F. Hall, Notary Public State of Missouri, Barry County My Commission Expires Feb. 13, 1997		
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Jane F. Hall				
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		DATE APPROVED October 24, 1996		PERMIT NUMBER 0295	

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AUG 19 1996

MISSOURI LAND
RECLAMATION COMMISSION



HUTCHENS CONSTRUCTION CO.
PERMIT # 0295
BERRY COUNTY S-34 T-22N R-28E
WASHBURN QUARRY

MAP 1

FRANK L. SMITH
6-15-96

90

1500

1474 X

34

JIMMY ELLIS

LAWRENCE MOONEY

500

SK

DAVIS STEWART
S/D

CRUSHER PLANT

TRUCK SCALE

STOCK PILES

15 ACRE PERMIT

COUNTY ROAD

HUTCHENS

C. WRIGHT

HUTCHENS CONSTRUCTION CO
PERMIT NO 0295
BERRY COUNTY S-34 T-22N R-28E
WASHBURN QUARRY

Washburn

460

1462

1462

- TRUCK SCALE -
- CRUSHER PLANT -
- PIT SITE -
- TOPSOIL -
- STOCK PILE -
- OVER BURDEN -

NOTE: OVER BURDEN PUSHED DOWN

MAP #3



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

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To be completed for each separate area of disturbance associated with mining operations.

APR 12 2007

SITE NAME OR NUMBER Purdy Quarry		PERMIT NUMBER 0295		MISSOURI LAND RECLAMATION COMMISSION
COMPANY NAME Hutchens Construction Company				
COUNTY Barry	1/4 SECTION NE & NW		SECTION 34	
TOWNSHIP 25N	RANGE 27W		ACRES 260 (total), 214 (Mine Plan, 5 (In-stream))	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) Little Flat Creek				
MINERAL COMMODITY Gravel		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) 1,000		

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) See attached list.		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Same as landowner.		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)3

(Required for in-stream sites, or as required by the Director)

TYPE OF PLAN
(CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: 7/31/2100 Company Name: Hutchens Construction Co.

DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

The area to be mined is a 3,600' stretch of Little Flat Creek as it flows through the Purdy Quarry site. This section of the creek is bordered by agricultural property on the north (pasture and/or cropland) and by quarry operations to the south. The bank vegetation consists of some grass and brush and is somewhat sparse. The stream is normally dry except during periods of heavy rainfall, so water quality is unknown.

The existing stream bed is approximately 30' to 50' wide.

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APR 12 2002

MISSOURI LAND
RECLAMATION COMMISSION

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM BANKS, SUCH AS PROTECTING BANK VEGETATION, IF APPLICABLE.

Excavations between stream banks will be managed such that water flow is not redirected toward the stream banks. A minimum width of five feet of gravel will be left undisturbed between the operation and streambank vegetation. (Due to the narrowness of the streambed as noted in the description above, it would be impractical to leave a 25' width of undisturbed gravel.)

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM ENVIRONMENTS, SUCH AS KEEPING ACTIVE MINING OPERATIONS ON GRAVEL BARS, RATHER THAN IN FLOWING WATER, AND KEEPING HAUL ROADS AWAY FROM FLOWING WATER, IF APPLICABLE.

Gravel removal will be restricted to the exposed portions of gravel (gravel bars). The tops of the gravel bars will be shaved to a depth no deeper than the normal water level.* This will avoid causing erosion of the streambank and channel at the mining site and upstream (headcutting). If the stream needs to be crossed in order to access the gravel bars, the crossing will always be made at the same place.

*Since the creek is normally dry except during heavy rains, gravel will be removed no deeper than the lowest stream bed.

DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES, IF APPLICABLE.

Gravel removal will be restricted to periods of low flow. A minimum width of five feet of gravel will be left undisturbed between the excavation and streamside vegetation. A buffer strip will also be left between the excavation and the flowing portion of the stream.


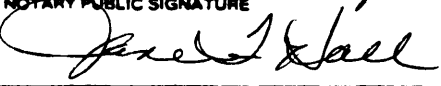
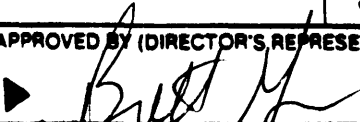
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APR 12 2002

MISSOURI LAND
RECLAMATION COMMISSION

By my signature, I attest to the following:

- 1) All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to mine in accordance with this Plan, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT 		TITLE Phil Hutchens, president	DATE 4-8-02
Appeared before me this <u>8th</u> day of <u>April</u> , <u>2002</u> <u>Phil Hutchens</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSER SEAL	STATE OF <u>Missouri</u>		COUNTY (OR CITY OF ST. LOUIS) <u>Barry</u>
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>8th</u> DAY OF <u>April</u> , <u>2002</u>		USE RUBBER STAMP IN CLEAR AREA BELOW. JANE F. HALL, Notary Public State of Missouri, Barry County My Commission Expires June 8, 2004
	NOTARY PUBLIC SIGNATURE 		
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Jane F. Hall		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		TITLE LRS III	DATE APPROVED 4/8/02

**ATTACHMENT TO SITE INFORMATION FORM FOR THE PURDY QUARRY
(Hutchens Construction Company)**

**Landowner #1 (200 acres):
(Landowner of acres in
permit amendment)**

**Phil & Valerie Hutchens
600 Mill Street
Cassville, MO 65625
Source of right to mine: Warranty Deed
Date of Agreement: 3/2001 (160 acres) & 6/12/1997
(40 acres)**

Landowner #2 (50 acres):

**Marcia Hutchens, Phil Hutchens, & Valerie Hutchens
600 Mill St.
Cassville, MO 65625
Source of right to mine: Warranty Deed
Date of Agreement: 2/12/91**

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**MISSOURI LAND
RECLAMATION COMMISSION**



North

Scale: 1" = 2,000'

HUTCHENS CONSTRUCTION CO.

LOCATOR MAP

Purdy Quarry

Permit #0295




Parts of NE $\frac{1}{4}$, NW $\frac{1}{4}$, & SW $\frac{1}{4}$,
S34, T25N, R27W, Barry Co.

Map prepared by:

Curtis Heider, EEC,

4/4/02

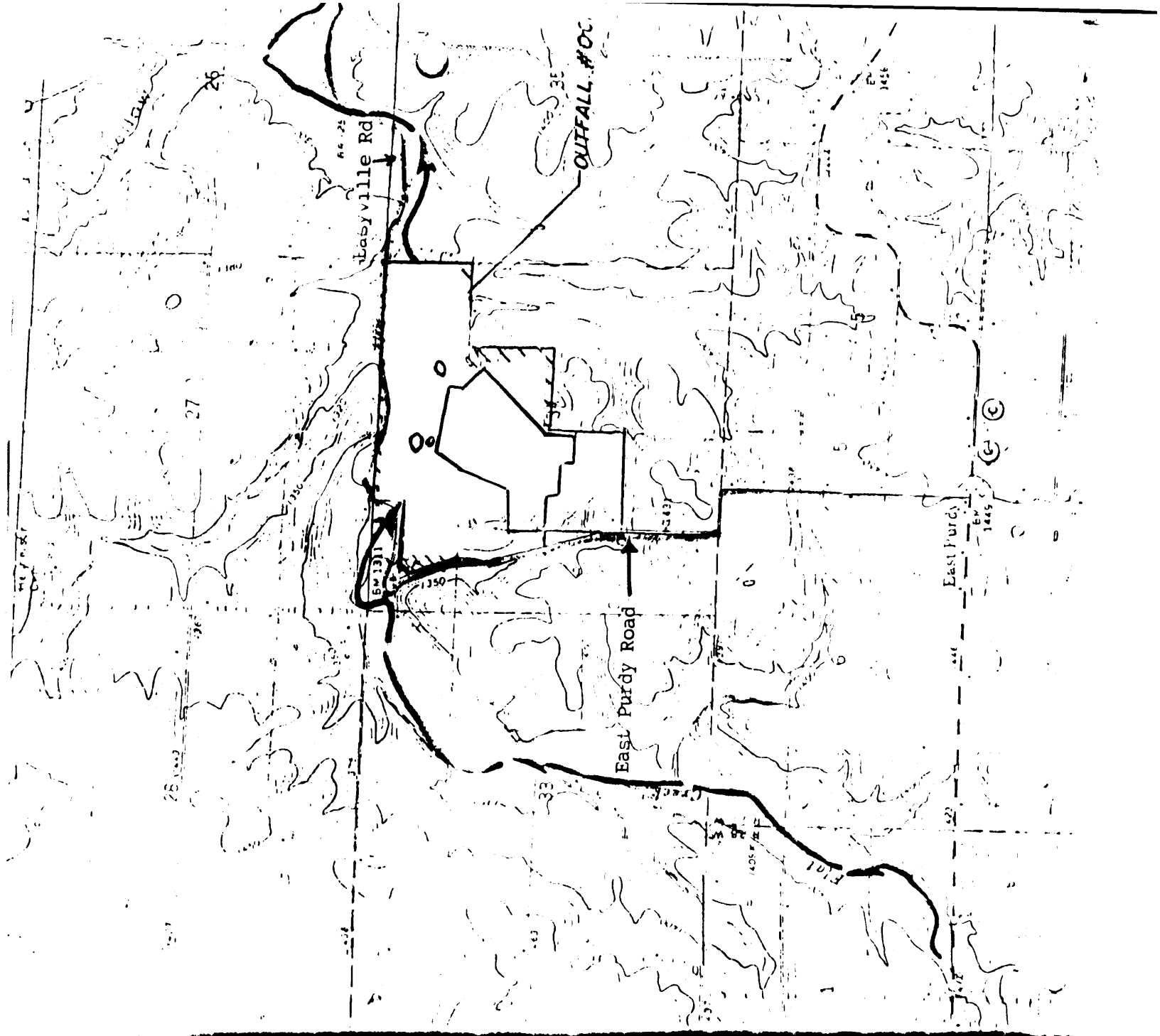
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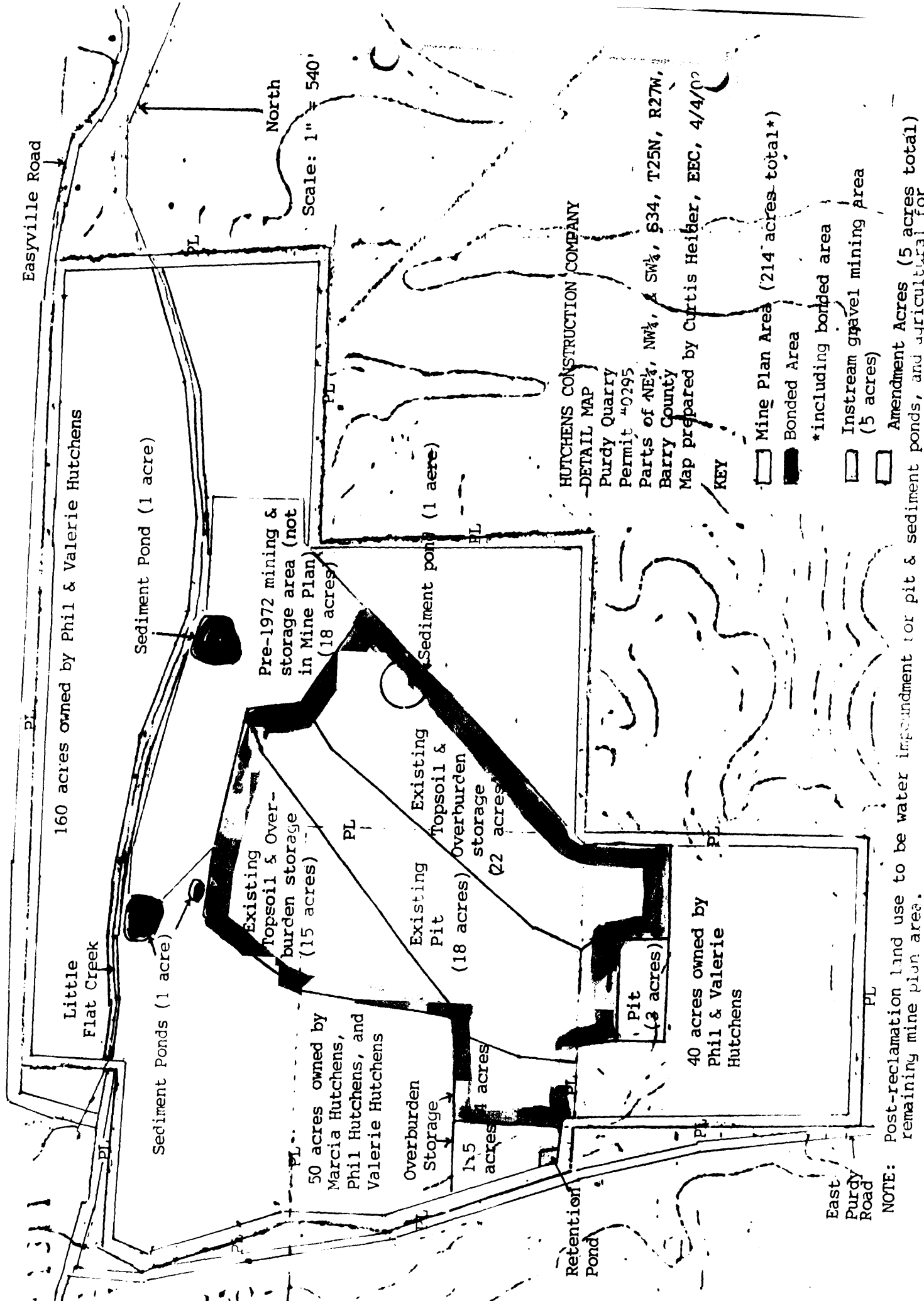
-  Permit (bonded) area
-  Public roads leading to site
-  Instream gravel mining area

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APR 12 2002

MISSOURI LAND
RECLAMATION COMMISSION





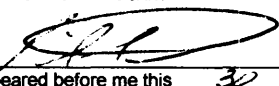
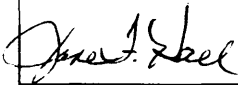
NOTE: Post-reclamation land use to be water impoundment for pit & sediment ponds, and agricultural for remaining mine plan area.

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JUL - 6 2004

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND
RECLAMATION COMMISSION
P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Hutchens Construction Company		DATE 6/28/2003	
ADDRESS 1007 Main Street		CITY Cassville	STATE MO
		ZIP CODE 65625	
CONTACT PERSON Phil Hutchens		TELEPHONE NUMBER (417) 847-2489	
CHECK ANY THAT APPLY: <input type="checkbox"/> New Permit <input type="checkbox"/> Permit Amendment <input type="checkbox"/> Permit Revision <input checked="" type="checkbox"/> Permit Expansion			
SITE NAME OR NUMBER	ACREAGE*	LOCATION: COUNTY, SECTION, TOWNSHIP, RANGE (EAST OR WEST)	
1. Eagle Rock Quarry	3	Barry, Section 5, T21N, R26W	
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
ATTACH ADDITIONAL SHEETS IF NECESSARY			
SIGNATURE OF APPLICANT 		DATE 6-30-04	
Phil Hutchens, president			
Appeared before me this <u>30</u> day of <u>June</u> , 20 <u>04</u> <u>Phil Hutchens</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSER	STATE <u>Missouri</u> SUBSCRIBED AND SWORN BEFORE ME, THIS <u>30</u> DAY OF <u>June</u> YEAR <u>2004</u> NOTARY PUBLIC SIGNATURE  NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>Jane F. Hall</u>	COUNTY (OR CITY OF ST. LOUIS) <u>Barry</u> USE RUBBER STAMP IN CLEAR AREA BELOW JANE F. HALL Notary Public - Notary Seal State of Missouri, Barry County My Commission Expires June 18, 2008	
FOR DEPARTMENT USE ONLY: APPROVED BY	DATE APPROVED	PERMIT NUMBER	EXPIRATION DATE

MO 780-1007 (12-02)

ATTACH FEES AND BONDING WORKSHEET

*Only the acres being added in this expansion are listed on this form--see detail map for total acreage. Other sites not being expanded are listed on the Fees and Bonding Worksheet.

JUL - 6 2004

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
**PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES
FEES AND BONDING WORKSHEET**

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Hutchens Construction Company		DATE 6/28/2004
FEES: COMPLETE SECTION I OR SECTION II		
SECTION I. FEES: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:		
1. To compute the site fee complete the columns and lines below:		
SITE NAME OR NUMBER* (add a separate sheet for additional sites)	Mark each month that the site will be operated during the Permit Year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
Purdy Quarry	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$300
Eagle Rock Quarry	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$300
Washburn Quarry	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150
Little Flat Creek	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	TOTAL SITE FEE >	\$900
2. Acreage fee \$5 X <u>3</u> number of acres bonded.....		\$15
3. Annual Permit Fee.....		\$500
4. Total Fee (Add totals from 1, 2 and 3).....		\$1,415
NOTE: If Total Fee exceeds \$2,500.00 then pay only		\$2,500
SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:		
1. Annual Permit Fee.....		\$300
III. BONDING - for all except in-stream mine sites:		
A. For sand and gravel operators mining less than 5,000 tons per year:		
Number of new acres _____ X \$500 per acre.....		\$0
B. For ALL other open pit operations:		
Minimum per permit.....		\$8,000
Acreage over eight acres <u>89</u> X \$500 per acre.....		\$44,500
TOTAL BONDING REQUIRED.....		\$52,500
<input checked="" type="checkbox"/> Check here if adequate bonding is already posted.		

*Expansion is only applicable to the Eagle Rock Quarry (4 acres added to Mine Plan, including 3 acres added to bonding). Fees are attached to the Permit Renewal form. Only the additional acres being bonded are included in the acreage fee above. The total acreage fee (including additional acres) is listed on the Permit Renewal form.

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATIONMISSOURI LAND
RECLAMATION COMMISSION
P.O. BOX 178

JEFFERSON CITY, MO 65102-0178

Complete this form for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER Eagle Rock Quarry		PERMIT NUMBER 0295
COMPANY Hutchens Construction Company		
COUNTY Barry	1/4 SECTION NE	SECTION 5
TOWNSHIP 21N	RANGE 26W	ACRES 16
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) Not Applicable		
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (GRAVEL SITES) Not Applicable

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Earl & Nadine Bradford (original lease); lease renewed on 10/1/1997 to the following: Nadine, Edward, & Merle Bradford; Barbara & Jerry Steverson, Vera & Donald Wuellner, and Jim & Jill Bradford		
ADDRESS HC64, Box 6810		
CITY Cassville	STATE MO	ZIP CODE 65625
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL		DATE OF AGREEMENT 12/2/1987

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Hutchens Construction Company		
ADDRESS 1007 Main Street		
CITY Cassville	STATE MO	ZIP CODE 65625
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT 12/2/1987
NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.		

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLANMISSOURI LAND
RECLAMATION COMMISSION
P.O. BOX 176
JEFFERSON CITY, MO 65102

COMPANY NAME Hutchens Construction Company	
TYPE OF PLAN (CHECK ONE): <input type="checkbox"/> SHORT TERM, FOR ONE PERMIT YEAR <input checked="" type="checkbox"/> LONG TERM, FOR PERIOD THROUGH DATE: July 31, 2100	
DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY. Eagle Rock Quarry This plan covers an area of approximately 16 acres (see Detail Map), which is an increase of 4 acres from the original Mine Plan for this site. As noted in the original Mine Plan for this site, the topsoil is very thin and rocky, with an average of 1" or less thickness of overburden. As shown in the Locator Map, the vicinity of the site is steeply sloped. A buffer of at least 50' wide will be maintained between the Mine Plan boundary and the property lines/highway right-of-ways.	
OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.	
A. TOPSOIL	
AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING 1" or less (including overburden) INCHES	IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE? <input type="checkbox"/> YES OR <input checked="" type="checkbox"/> NO
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL After trees are cleared with bulldozers, topsoil (if existing) and overburden is removed with a scraper. The topsoil/overburden will be stored for replacement. Topsoil removal will be completed during the summer for the areas to be mined the following year. Topsoil removal will be kept at least 20 feet ahead of pit excavation.	
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION The topsoil/overburden will be deposited in stockpiles near the pit (see Detail Map) within the permitted/bonded area. Any stockpiles not already seeded will be stored, shaped, and seeded (with the Seed Mix on page 3 of the Mine Plan) to protect the pile from erosion.	
PERMIT NO. 0295	SITE NUMBER/NAME Eagle Rock Quarry

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MISSOURI LAND
RECLAMATION COMMISSION

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

All overburden removed from the pit will be placed in the permitted and bonded mined-out portions of the pit and graded to traversble slopes (3:1) before topsoil is replaced.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

There are no acidic materials at this site.

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

See attached site maps.

YES	NO	
<input type="checkbox"/>	X	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
<input type="checkbox"/>	X	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right-of-way, and in no case may the excavation be closer to the right-of-way than fifty feet or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)
<input type="checkbox"/>	X	Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

PERMIT NO.	0295	SITE NUMBER/NAME	Eagle Rock Quarry
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RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1 #1	PURPOSE OR LAND USE Wildlife	B. SEEDING OR PLANTING TIME Spring (March 15 - May 01)*
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DESCRIBE METHODS AND EQUIPMENT USED FOR SEEDING OR PLANTING

During the first spring (or first optimal seeding period) following topsoil replacement, the seed mix will be broadcast and harrowed.

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Orchard Grass	30	Shortleaf pine	75
Red Clover	10		
Korean Lespedeza	10		

REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
---------------------	---------------------	-----------------------------

DESCRIBE METHODS AND EQUIPMENT USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

PERMIT NO. 0295	SITE NUMBER/NAME Eagle Rock Quarry
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B. GRADING

C. DESCRIBE THE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

All slopes will be graded to slopes traversable by farm machinery. A six-acre pond will be constructed in the final pit area. The pond will be designed and constructed to meet NRCS PONDS-378 standards.

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Grading will be done as the pit advances and as spoil is placed in the mined-out portions. Final grading will be completed within one year of permit expiration on all mined-out portions.

REPLACEMENT OF TOPSOIL

In a phone conversation between Mr. Andrew Reed of the Land Reclamation Program and Curtis Heider of Environmental Engineering Consultants on 6/25/2004, Mr. Reed stated that, if the use of land when reclaimed was to be for wildlife, the topsoil depth after reclamation did not need to be 12 inches; however, topsoil or overburden that is removed during the mining should be saved for use in helping to establish the seeded species noted on page 3 of this Mine Plan. Such topsoil/overburden will be replaced to a uniform depth and disc'd to reduce compaction. The topsoil/overburden will be replaced within one year of permit expiration on all mined-out portions.

REVEGETATION

Prior to seeding, soil test analyses will be conducted in order to determine appropriate lime and fertilizer application requirements. All topsoil areas will be seeded during the first optimum seeding period following topsoil replacement.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

A Horizon + B Horizon = 1 inch (to match existing depth and as noted under "Replacement of Topsoil" above)

D. USE OF LAND WHEN RECLAIMED

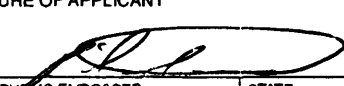
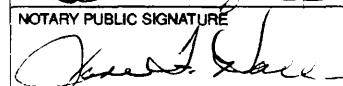
Estimated acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	10
Agricultural (pasture, cropland, and horticultural)	
Development (residential, industrial, and recreational)	
Water impoundments (for wildlife, agriculture, or development)	6
PERMIT NO. 0295	SITE NUMBER/NAME Eagle Rock Quarry

JUL - 6 2004

By my signature, I attest to the following:

MISSOURI LAND
RECLAMATION COMMISSION

1. All statements made on this Mine Plan Form are correct, complete and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.790, RSMo 2001, and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's (for all lease agreements made after August 28, 1990 on leased land) for all proposed post-mining land uses.
4. I have obtained the approval of all landowner's, (for all lease agreements made after August 28, 1990 on leased land) for all proposed seed mixtures.
5. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT 		TITLE Phil Hutchens, president		DATE 6-30-04	
NOT VALID UNLESS NOTARIZED	STATE Missouri		COUNTY (OR CITY OF ST. LOUIS) Barry		
	SUBSCRIBED AND SWORN BEFORE ME, THIS 30 DAY OF June YEAR 2004		USE RUBBER STAMP IN CLEAR AREA BELOW. JANE F. HALL Notary Public - Notary Seal State of Missouri, Barry County My Commission Expires June 18, 2008		
	NOTARY PUBLIC SIGNATURE 				
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Jane F. Hall				
FOR DEPARTMENT USE ONLY					
APPROVED BY		DATE APPROVED		PERMIT NUMBER	
PERMIT NO.		SITE NUMBER/NAME			

Hutchens Construction Company
Eagle Rock Quarry
S5, T21N, R26W, Barry County

Map updated by Curtis Heider, EEC
Date: 6/25/2004

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RECLAMATION COMMISSION

Bonded area

UTM GRID AND 1974 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

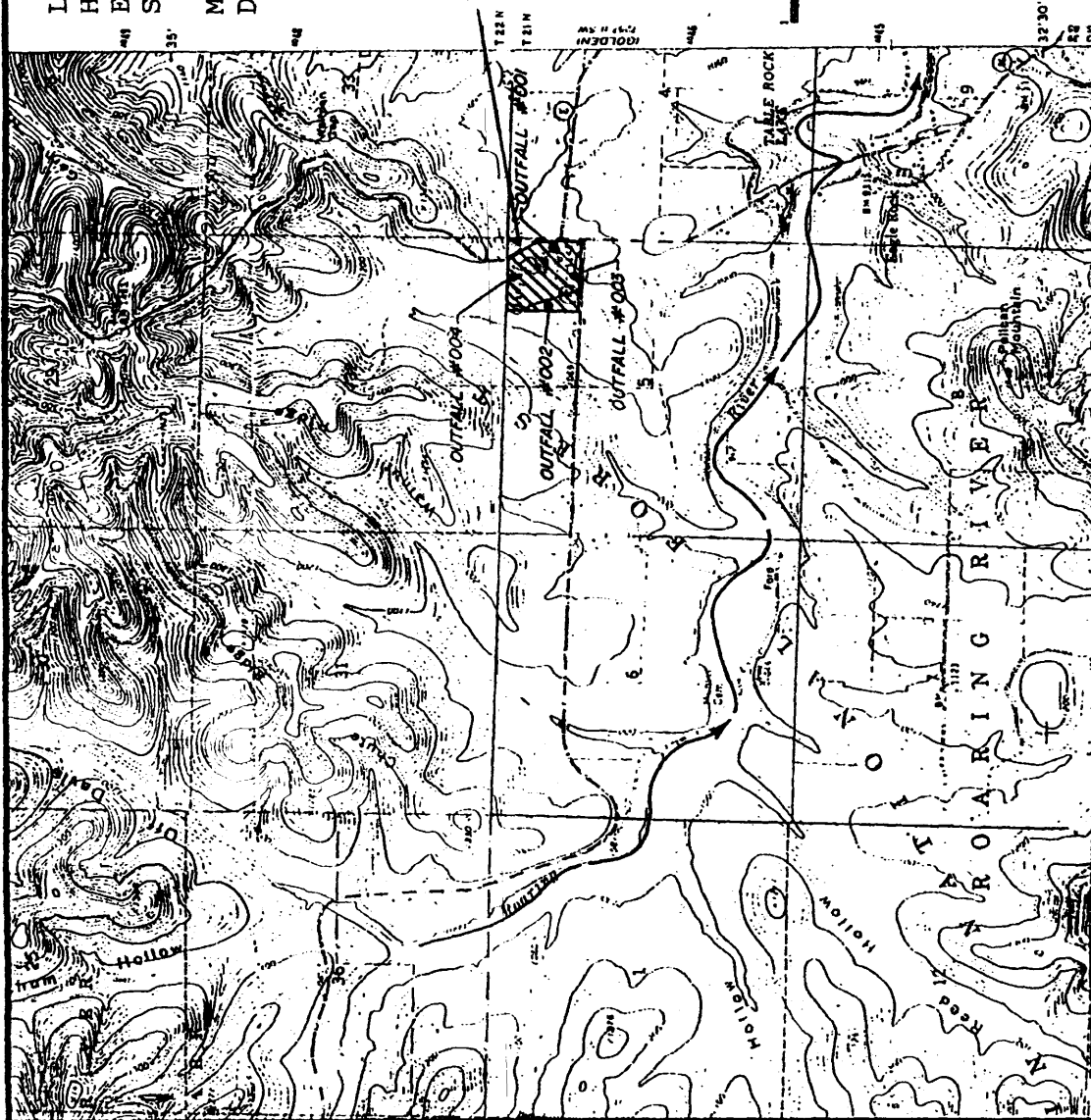


EAGLE ROCK, MO.
SE 1/4 CASSVILLE 18' QUADRANGLE
N3630--W9345/7.5

1974

ALLGEIER, MARTIN & ASSOCIATES, INC.
CONSULTING ENGINEERS & SURVEYORS
JOPLIN, MISSOURI

GENERAL PLAN
HUTCHENS EAGLE ROCK QUARRY
BARRY COUNTY, MISSOURI
DISCHARGE PERMIT APPLICATION



DETAIL MAP

HUTCHENS CONSTRUCTION COMPANY
 Permit #0295 - Eagle Rock Quarry
 S5, T21N, R26W
 Barry County

Map updated on
 6/25/2004 by
 Curtis Heider, REC

North

Scale: 1" = 400'

Adjacent porperty owner =
 Brock Investment Co.

KEY:

Bonded

Acres Added

Permit

Boundary

(existing)

Mine Plan Area

Added

Hwy. E

Property

Line

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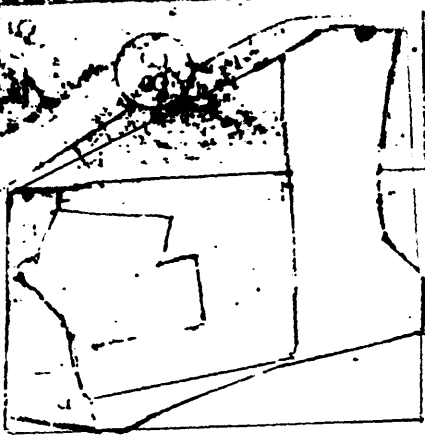
MISSOURI LAND
 RECLAMATION COMMISSION

20-62



HUTCHENS CONSTRUCTION COMPANY
Permit #0295 - Eagle Rock Quarry

Post-Reclamation
Land Use
KEY:
Wildlife ☐
Water ☐
Impoundment



6

OAC

TO R.W.

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29-02